



AMENDMENTS TO THE CLAIMS

1. (Currently amended): A method of transmitting data in a network comprising:
receiving from a client a request to transmit the data;
encrypting the data; and
transmitting the encrypted data to a storage device, that is associated with the client, connected to the network, the client being incapable of decrypting the encrypted data, wherein unencrypted transmission of the data through the client is bypassed.
2. (Original): The method of claim 1, further comprising:
negotiating encryption parameters.
3. (Original): The method of claim 2, wherein the step of negotiating encryption parameters includes establishing an encrypted communications channel.
4. (Canceled)
5. (Original): The method of claim 1, wherein the data includes at least one of audio data, video data, and digital data.
6. (Original): The method of claim 1, wherein the storage device stores the data in a removable medium.
7. (Original): The method of claim 6, wherein the removable medium is one of a compact disc (CD) and a digital versatile disc (DVD).
8. (Original): The method of claim 6, wherein the removable medium is one of a tape cartridge and a tape cassette.

9. (Original): The method of claim 6, wherein the removable medium is one of a holographic disc and a holographic cube.
10. (Original): The method of claim 1, wherein the storage device is one of a tape drive and a disk drive.
11. (Original): The method of claim 1, wherein the storage device is a solid-state storage device.
12. (Original): The method of claim 1, wherein the storage device is independent of the client.
13. (Currently amended): A method, operative in a storage device that is associated with a client, of downloading data from a server in response to a client request from the client:
receiving from the server a request for downloading;
receiving an encrypted data transmission from the server;
the client being incapable of decrypting the encrypted data;
decrypting the encrypted data transmission to yield the data; and
storing the data in the storage device.
14. (Original): The method of claim 13, further comprising negotiating encryption parameters.
15. (Canceled)
16. (Original): The method of claim 13, wherein the data includes at least one of audio data, video data and digital data.
17. (Original): The method of claim 13, wherein the storage device is a compact disc writer.

18. (Original): The method of claim 13, wherein the storage device is one of a tape drive and a disk drive.
19. (Currently amended): A computer program product in a computer-readable medium for transmitting data in a network, comprising instructions for:
receiving from a client a request to transmit the data;
encrypting the data; and
transmitting the encrypted data to a storage device, that is associated with the client, connected to the network, the client being incapable of decrypting the encrypted data, wherein unencrypted transmission of the data through the client is bypassed.
20. (Original): The computer program product of claim 19, comprising additional instructions for:
negotiating encryption parameters.
21. (Original): The computer program product of claim 20, wherein the instructions for negotiating encryption parameters include instructions for establishing an encrypted communications channel.
22. (Canceled)
23. (Original): The computer program product of claim 19, wherein the data includes at least one of audio data, video data, and digital data.
24. (Original): The computer program product of claim 19, wherein the storage device stores the data in a removable medium.
25. (Original): The computer program product of claim 24, wherein the removable medium is one of a compact disc (CD) and a digital versatile disc (DVD).

26. (Original): The computer program product of claim 24, wherein the removable medium is one of a tape cartridge and a tape cassette.
27. (Original): The computer program product of claim 24, wherein the removable medium is one of a holographic disc and a holographic cube.
28. (Original): The computer program product of claim 19, wherein the storage device is one of a tape drive and a disk drive.
29. (Original): The computer program product of claim 19, wherein the storage device is a solid-state storage device.
30. (Original): The computer program product of claim 19, wherein the storage device is independent of the client.
31. (Currently amended): An embedded processor program in a embedded processor-readable medium and operative in a storage device that is associated with a client, of downloading data from a server in response to a client request from the client, comprising instructions for:
receiving from the server a request for downloading;
receiving an encrypted data transmission from the server;
the client being incapable of decrypting the encrypted data;
decrypting the encrypted data transmission to yield the data; and
storing the data in the storage device.
32. (Original): The embedded processor program of claim 31, further comprising instructions for:
negotiating encryption parameters.

33. (Original): The embedded processor program of claim 32, wherein the instructions for negotiating encryption parameters include instructions for establishing an encrypted communications channel.
34. (Canceled)
35. (Original): The embedded processor program of claim 31, wherein the data includes at least one of audio data, video data, and digital data.
36. (Original): The embedded processor program of claim 31, wherein the storage device stores the data in a removable medium.
37. (Original): The embedded processor program of claim 36, wherein the removable medium is one of a compact disc (CD) and a digital versatile disc (DVD).
38. (Original): The embedded processor program of claim 24, wherein the removable medium is one of a tape cartridge and a tape cassette.
39. (Original): The embedded processor program of claim 24, wherein the removable medium is one of a holographic disc and a holographic cube.
40. (Original): The embedded processor program of claim 31, wherein the storage device is one of a tape drive and a disk drive.
41. (Original): The embedded processor program of claim 31, wherein the storage device is a solid state storage device.
42. (Currently amended): A data processing system for transmitting data in a network, comprising:
 - a bus system;
 - a processing unit connected to the bus system, wherein the processing unit

includes at least one processor;
memory connected to the bus system;
a network adapter in communication with the network and with the bus system;
and
a set of instructions in the memory,
wherein the processing unit executes the set of instructions to perform the acts of:
receiving with the network adapter and from a client a request to transmit the
data;
encrypting the data; and
transmitting the encrypted data to a storage device, that is associated with the
client, connected to the network, the client being incapable of decrypting the
encrypted data, wherein unencrypted transmission of the data through the client is
bypassed.

43. (Original): The data processing system of claim 42, wherein the storage device is independent of the client.
44. (Currently amended): A storage device, that is associated with a client, for
downloading data from a server in response to a client request from the client,
comprising:
a bus system;
an embedded processor unit connected to the bus system, wherein the embedded
processor includes at least one embedded processor;
memory connected to the bus system;
a network adapter connected to the bus system;
physical storage components in communication with the bus system; and
a set of instructions in the memory,
wherein the embedded processor unit executes the set of instructions to perform
the acts of:
receiving with the network adapter and from the server a request for downloading;

receiving an encrypted data transmission from the server;
the client being incapable of decrypting the encrypted data;
decrypting the encrypted data transmission to yield the data; and
storing the data, in the storage device, with the physical storage components.

45. (Original): The storage device of claim 44, wherein the physical storage components store the data to a removable medium.
46. (Original): The storage device of claim 44, wherein the removable medium is one of a compact disc and a digital versatile disc (DVD).
47. (Original): The storage device of claim 44, wherein the removable medium is one of a tape cartridge and a tape cassette.
48. (Original): The storage device of claim 44, wherein the removable medium is one of a holographic disc and a holographic cube.
49. (Original): The storage device of claim 44, wherein the physical storage components store the data to one of tape and a disk.
50. (Original): The storage device of claim 44, wherein the physical storage components store the data to a solid-state device.